

Abstract

5 What is disclosed is an injection unit for an
injection molding machine, comprising a screw which may
be driven by means of a spindle drive. Driving of the
spindle drive is effected by means of an electric motor.
In addition, through the intermediary of a hydraulic
cylinder a force acting in the axial direction is
10 transmitted to the screw of the injection unit. In
accordance with the invention, the electric motor drives
a pump whereby a pressure chamber of the cylinder may be
supplied with more pressure medium than is required in an
axial displacement of the cylinder.

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